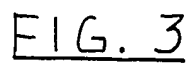


100)



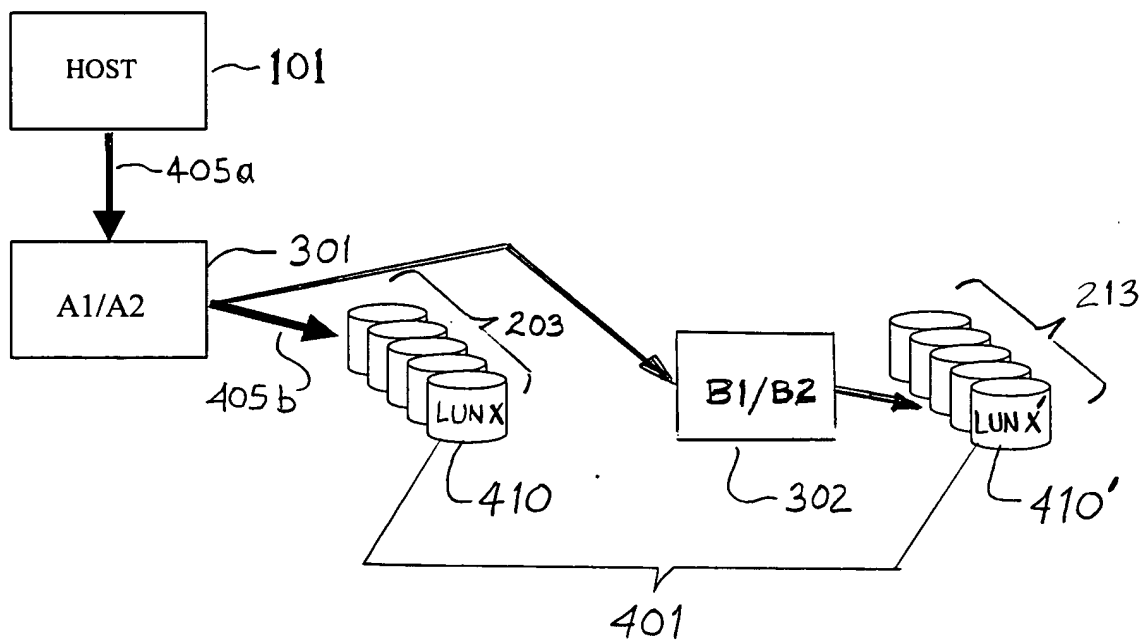


FIG. 4

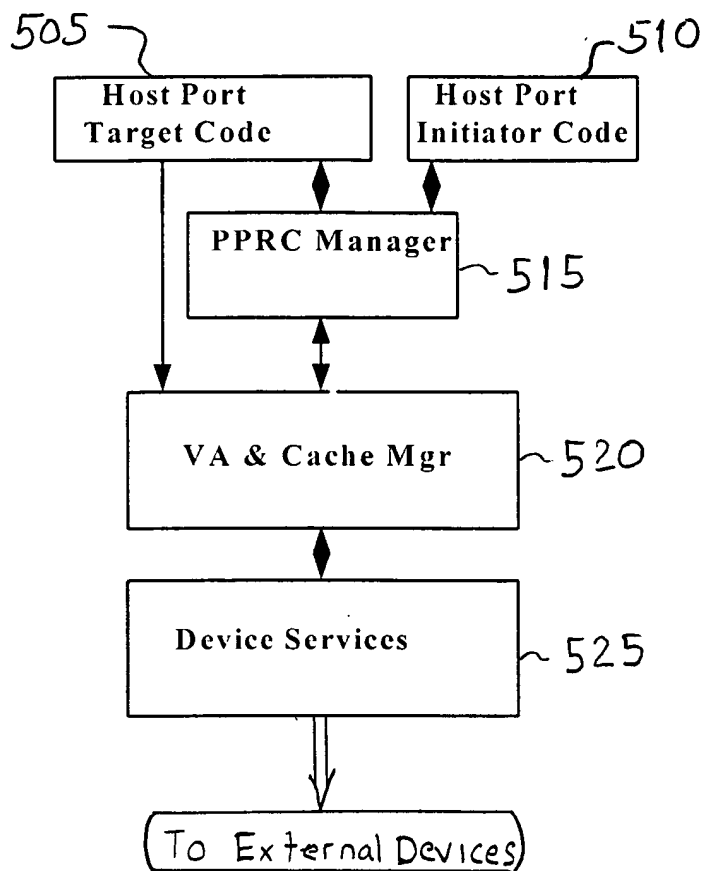


FIG. 5

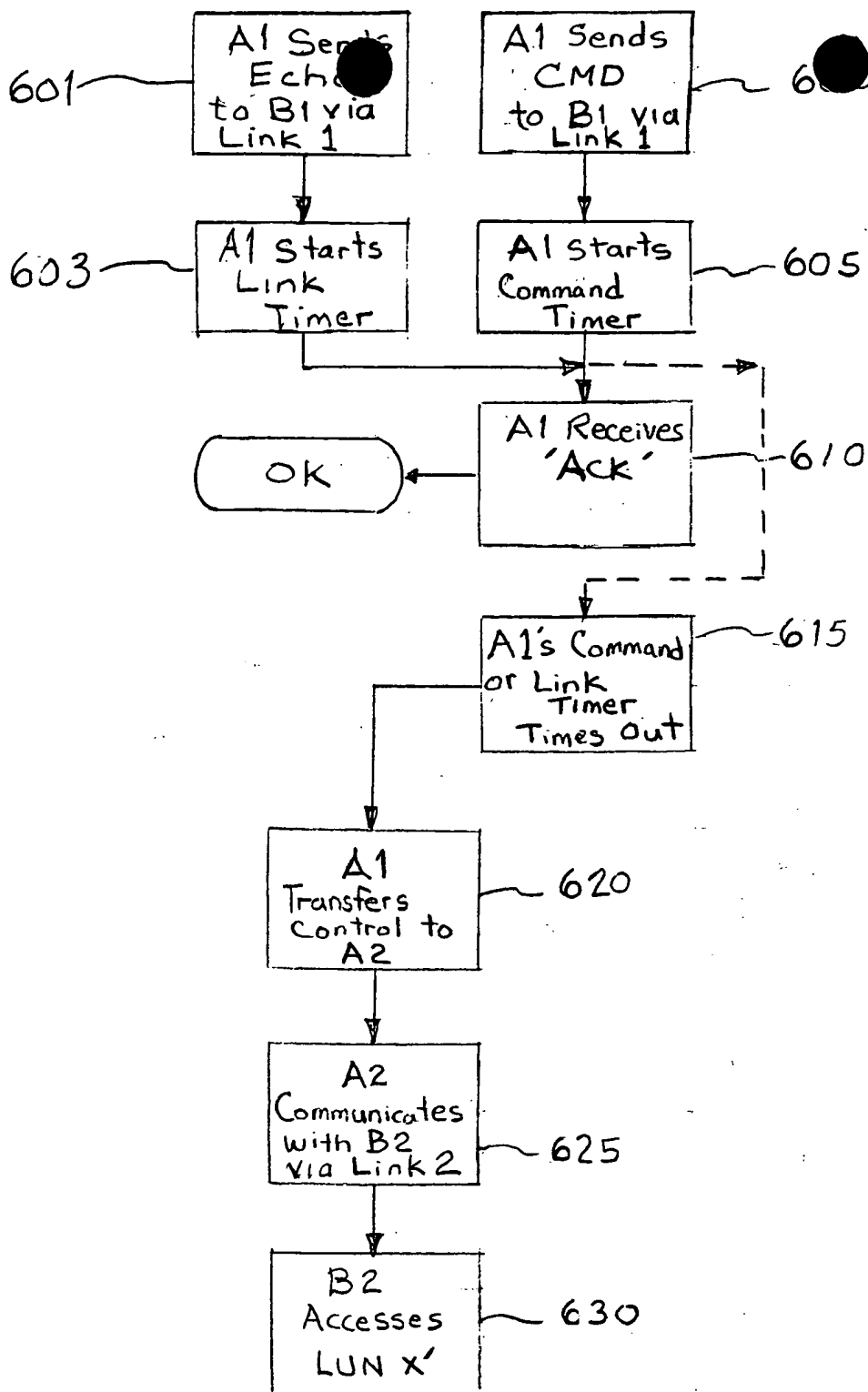


FIG. 6A

00000000000000000000000000000000

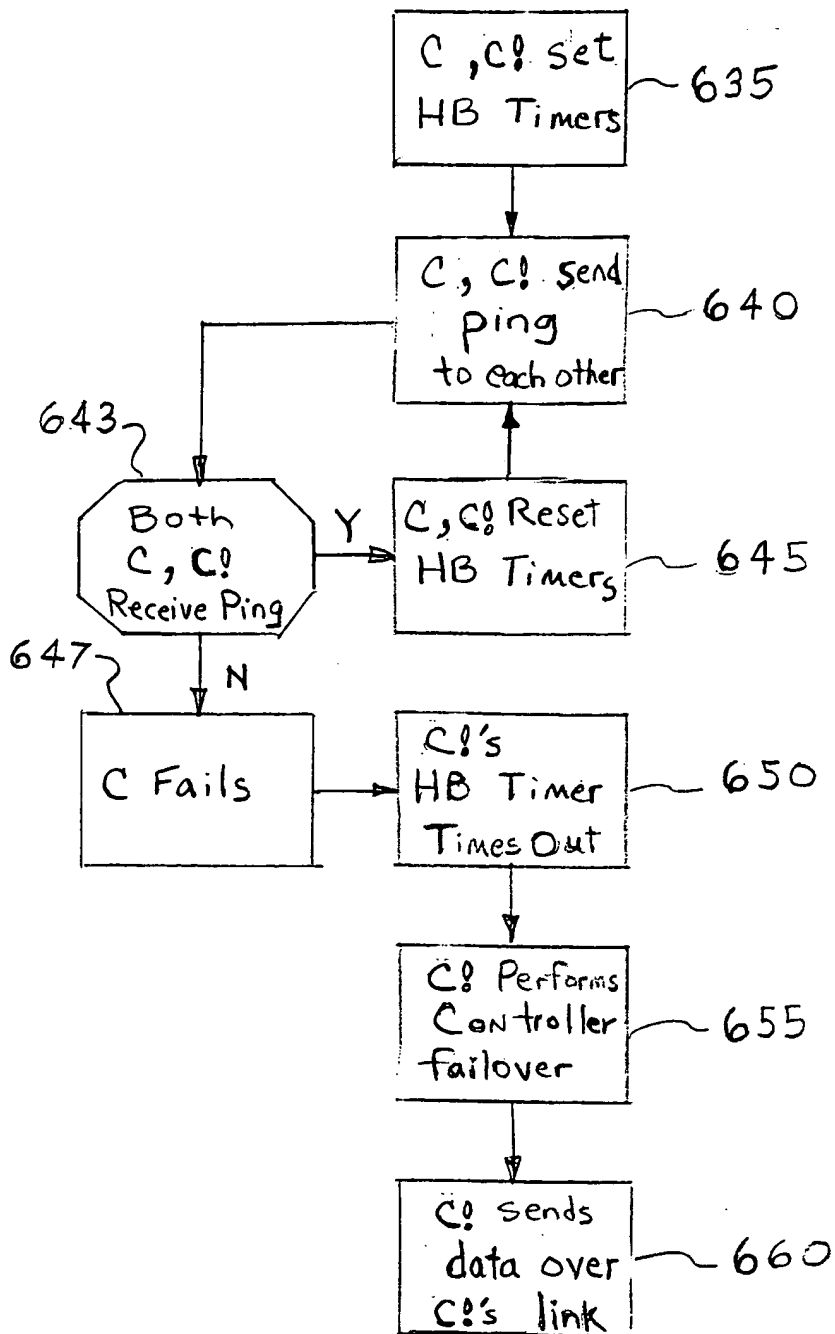


FIG. 6 B

DISEASE

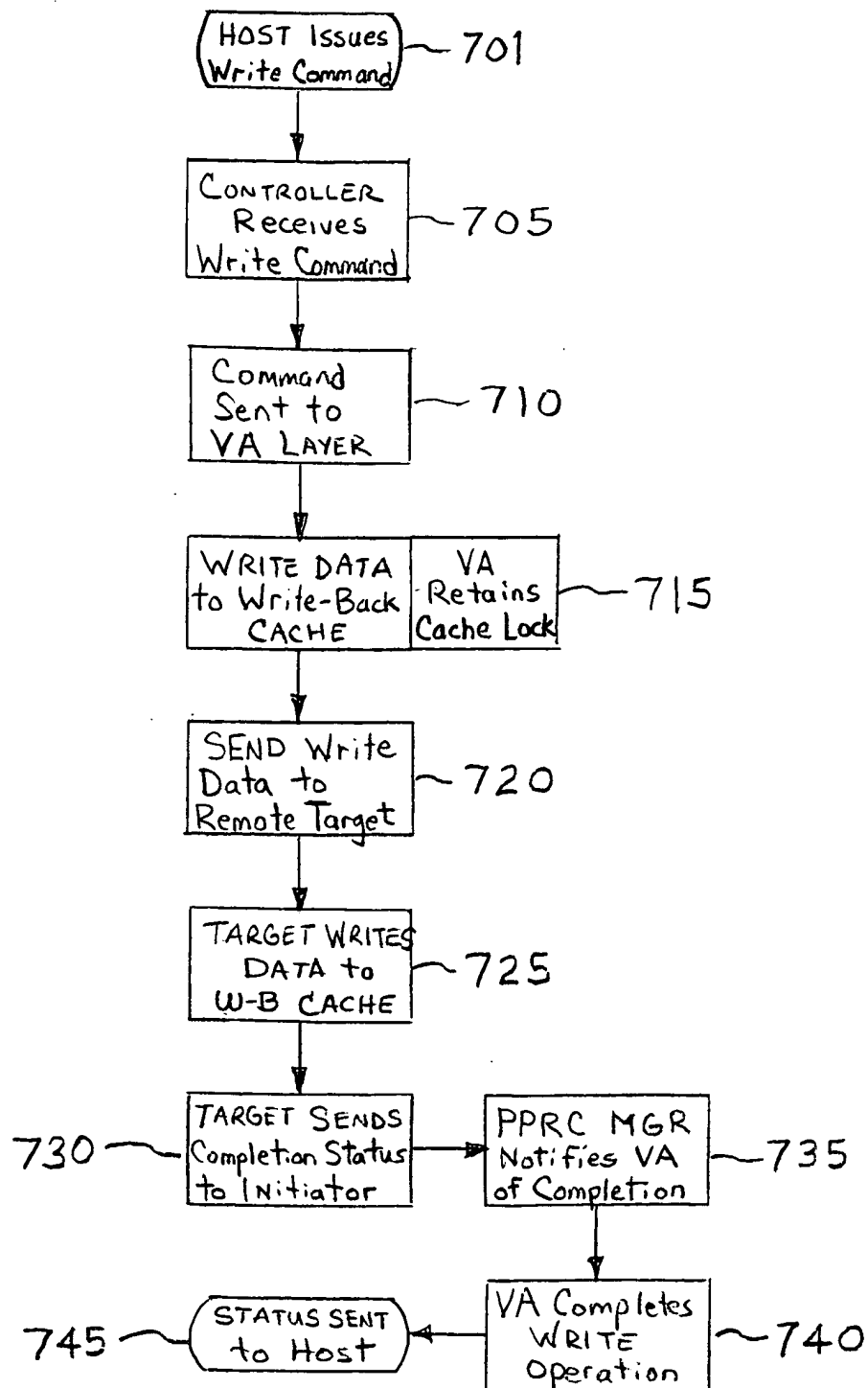


FIG. 7


```

graph TD
    801[HOST Issues Write Command] --> 805[CONTROLLER RECEIVES Write Command]
    805 --> 810[COMMAND SENT TO VA LAYER]
    810 --> 815[WRITE DATA to Write-Back CACHE | VA Retains Cache Lock]
    815 --> 820[Micro-Log the LBN Extent]
    820 --> 825[SEND Host Completion Status]
    825 --> 830[SEND WRITE DATA to REMOTE TARGET]
    830 --> 835[TARGET WRITES DATA to W-B CACHE]
    835 --> 840{REMOTE COPY Successfully Completed?}
    840 -- Y --> 845[TARGET Sends Completion Status to INITIATOR]
    845 --> 850[MARK 'Write Complete' status in Micro-Log | PPRC Mgr. UNLOCKS CACHE]
    850 --> 860[Perform other Error Handling]
    860 --> DONE([DONE])
    840 -- N --> 855{Controller CRASH w/Remote Copy inTransit?}
    855 -- Y --> 855GOTO([GO TO FIG. 8B])
    855 -- N --> 860
  
```

FIG. 8A

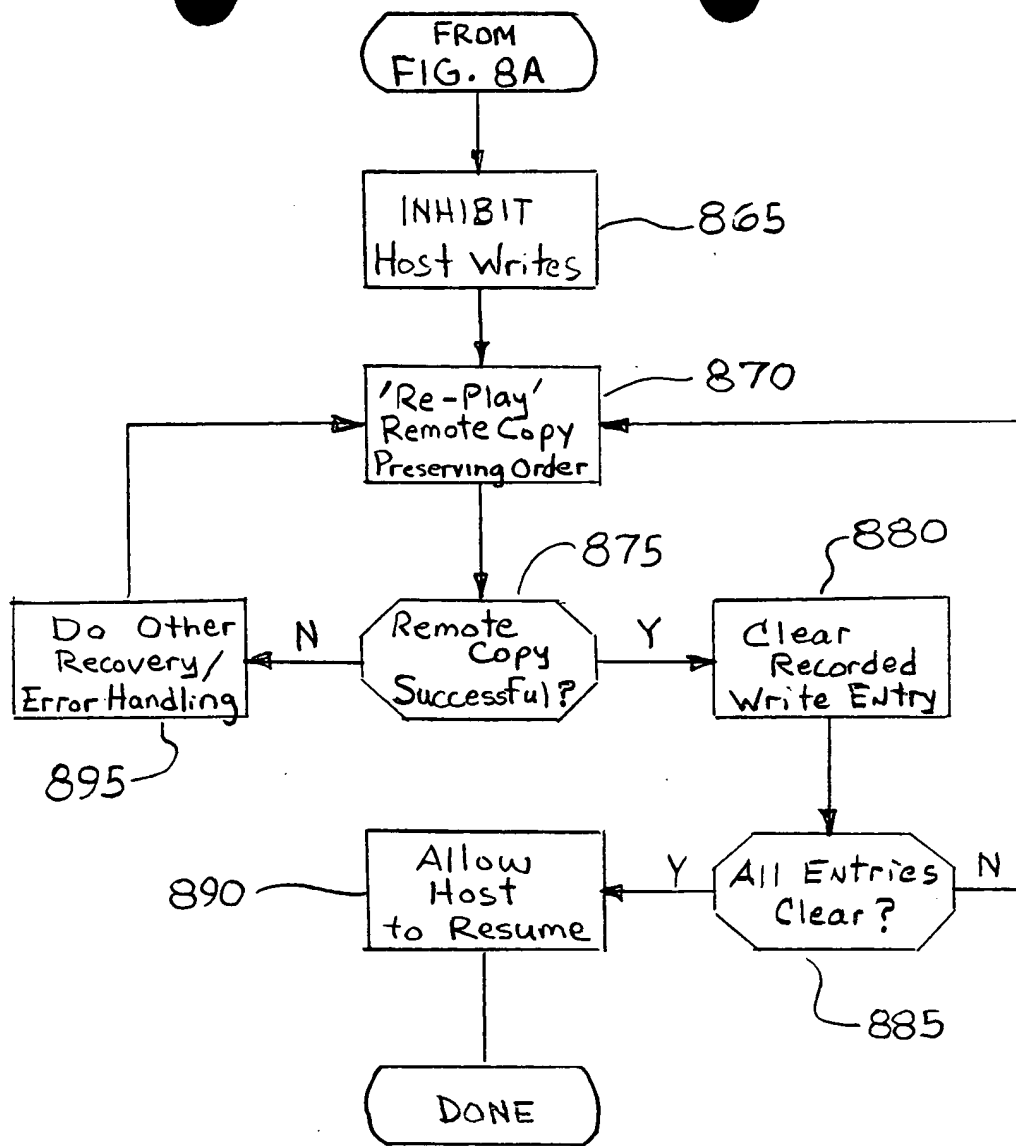
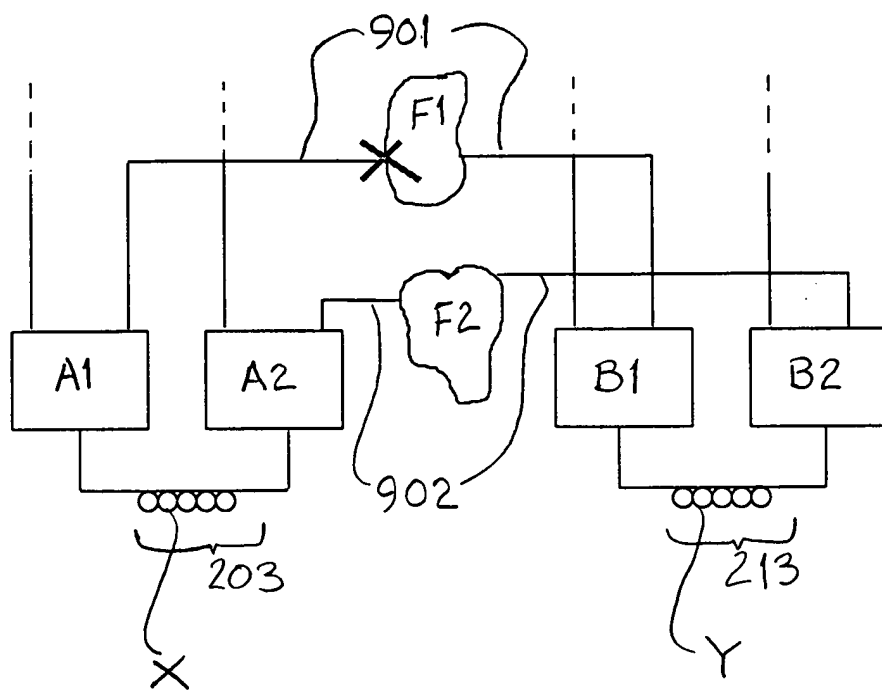


FIG. 8B

ELG. 9

THE UNIVERSITY OF CHICAGO

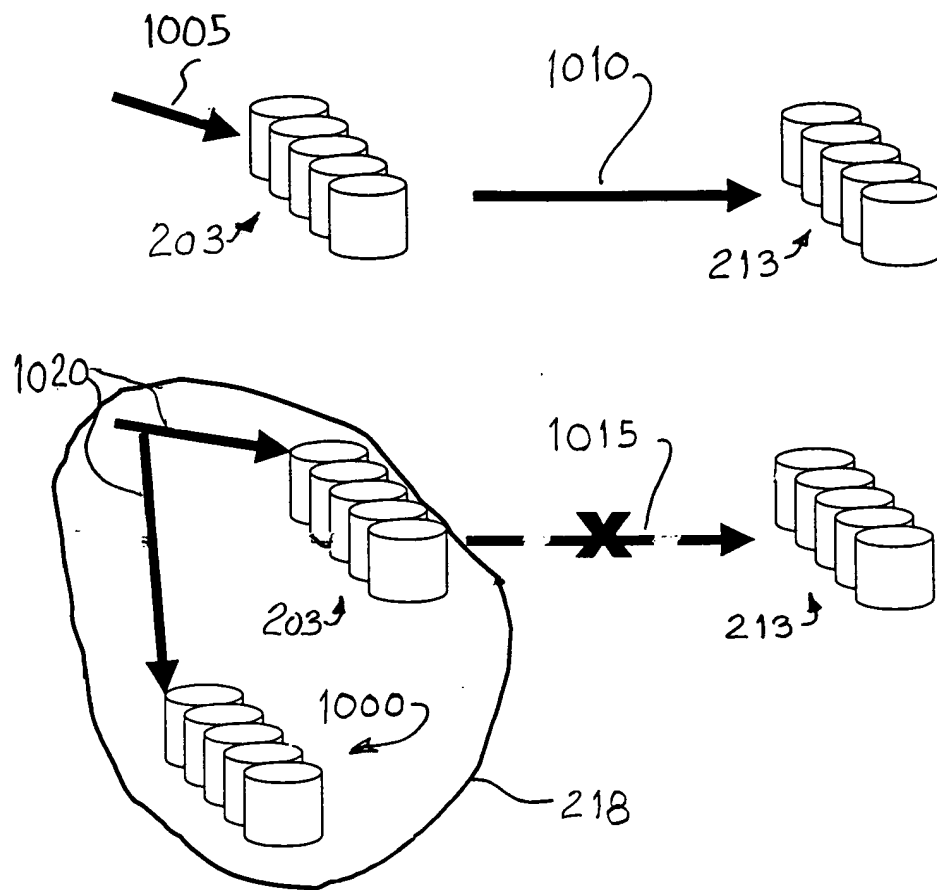


FIG. 10

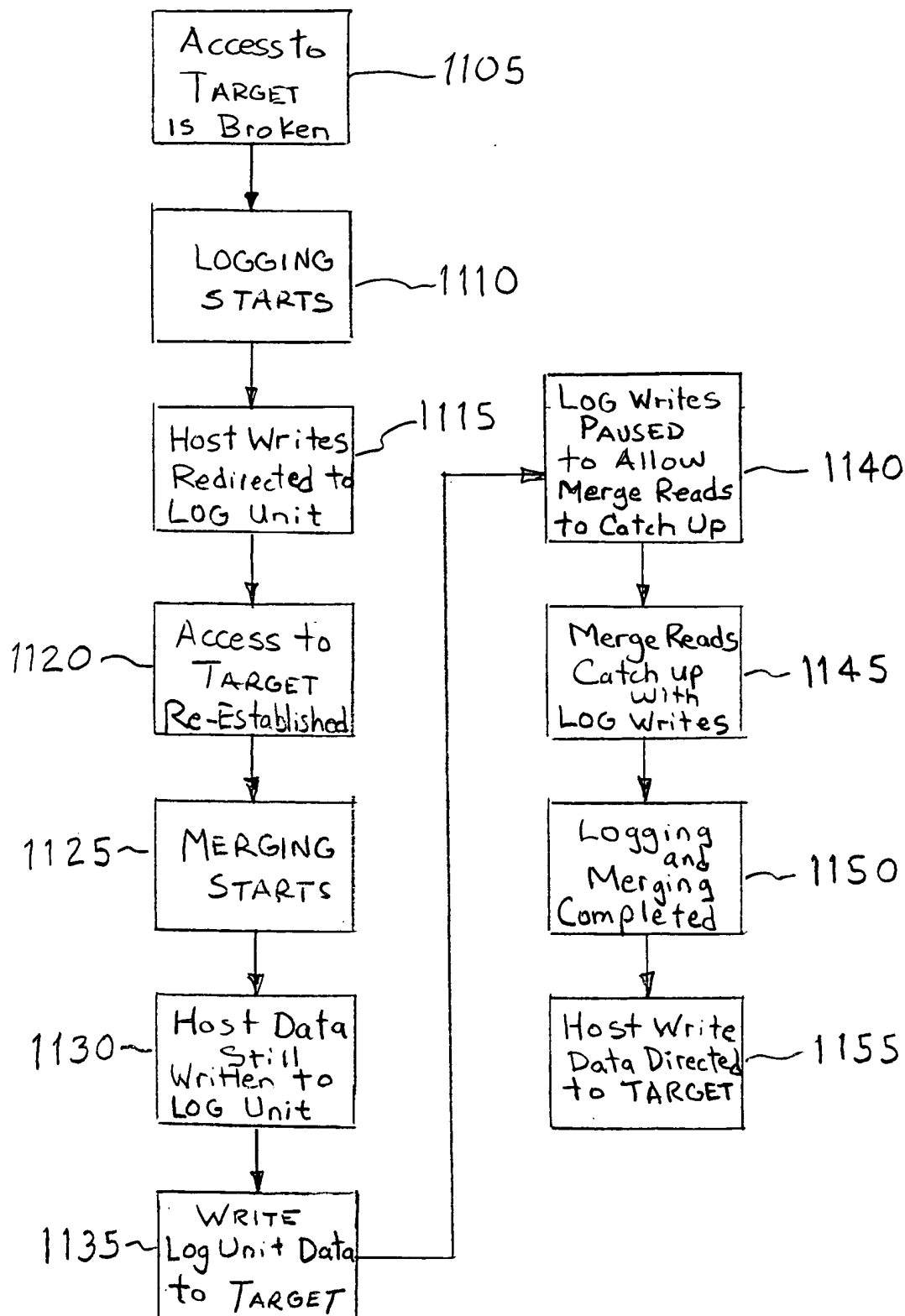


FIG. 11

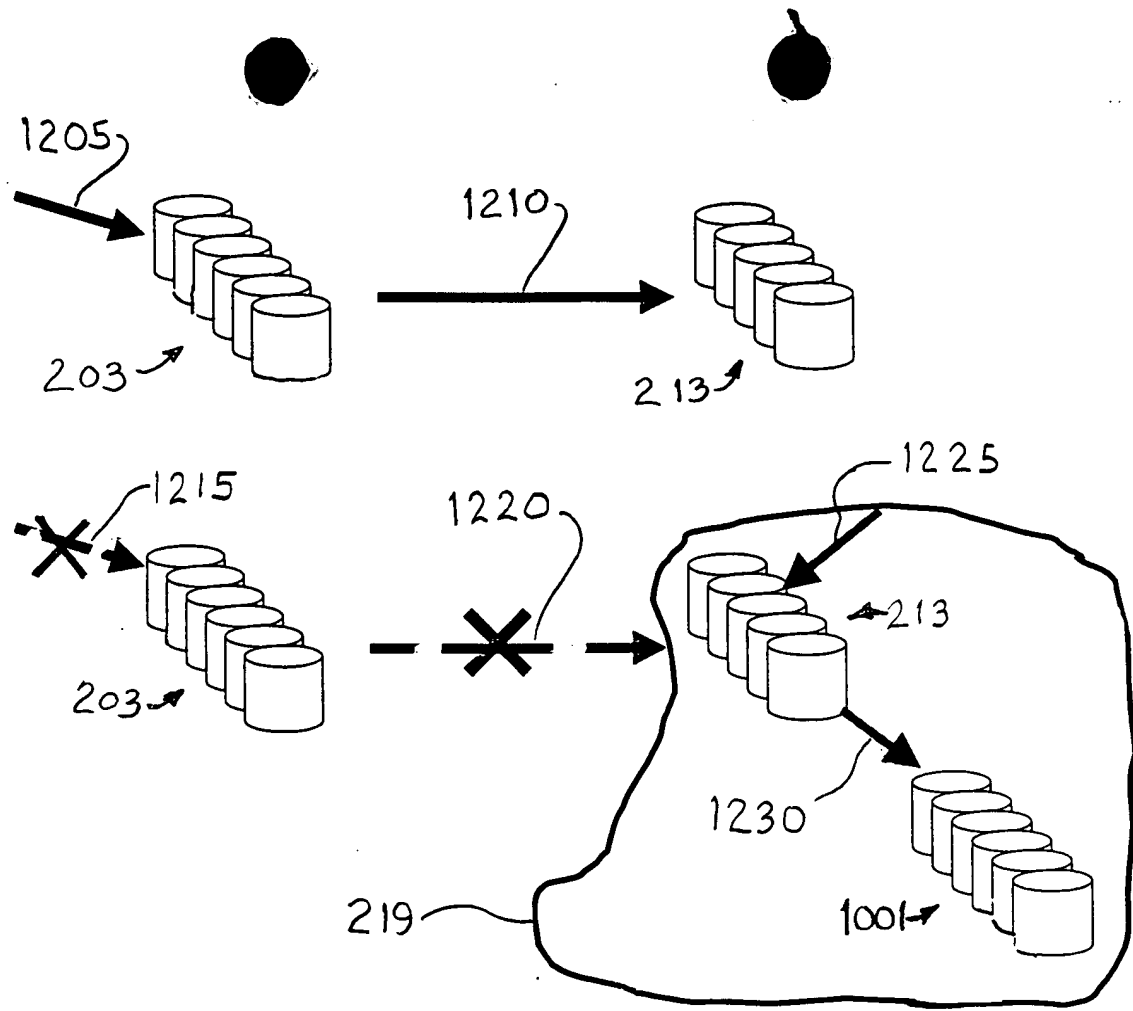


FIG. 12

1300

FIG. 13